

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE:

SUBJECT: Review of Data
Received for Review on December 27, 2004

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: CH2MHill

We have reviewed the data for the following case:

SITE NAME: Continental Steel (IN)

CASE NUMBER: 33669 SDG NUMBER: E1JA0

Number and Type of Samples: 9 Sediments

Sample Numbers: E1JA0, E1JA1, E1JA3 - E1JA9

Laboratory: Ceimic Hrs. for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number : 33669
Site Name: CONTINENTAL STEEL (IN)

SDG Number: E1JA0
Laboratory: CEIMIC

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Nine (9) sediment samples, numbered E1JA0, E1JA1 and E1JA3 through E1JA9, were collected December 13 - 15, 2004. The lab received the samples December 15 - 16, 2004 in good condition. Eight (8) samples were analyzed for the full list of organic analytes. One (1) sample, E1JA0, was analyzed for only the volatile list of organic analytes. All were analyzed according to CLP SOW OLM04.3.

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Case Number : 33669
Site Name: CONTINENTAL STEEL (IN)

SDG Number: E1JA0
Laboratory: CEIMIC

1. HOLDING TIME

No defects found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No defects found.

3. CALIBRATION

The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Dichlorodifluoromethane, Chloromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane
E1JA0, E1JA1, E1JA1MS, E1JA1MSD, E1JA3, E1JA4, E1JA5, E1JA6, E1JA7, E1JA8,
E1JA9, E1JA9MS, E1JA9MSD, VBLKLT, VBLKLU, VBLKPS, VBLKPT, VHBLK01

Vinyl Chloride

E1JA0, E1JA6, E1JA9MS, E1JA9MSD, VBLKLT

Acetone

E1JA0, E1JA4, E1JA5, E1JA6, E1JA9, E1JA9MS, E1JA9MSD, VBLKLT, VBLKLU

Cyclohexane

E1JA1, E1JA1MS, E1JA1MSD, E1JA3, E1JA4, E1JA5, E1JA7, E1JA8, E1JA9,
VBLKLU, VBLKPS, VBLKPT, VHBLK01

Carbon Tetrachloride, Methylcyclohexane

E1JA4, E1JA5, E1JA9, VBLKLU

The following semivolatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

2,2-oxybis(1-Chloropropane), Fluorene, 4-Nitroaniline
E1JA1, E1JA6, E1JA7, E1JA8, E1JA9, E1JA9MS, E1JA9MSD, SBLKJG

3,3-Dichlorobenzidine

E1JA3, E1JA3MS, E1JA3MSD, E1JA4, E1JA5, SBLKKU, SBLKKV

4. BLANKS

The following volatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" and

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non-detects are not flagged.

SDG Number: E1JA0
Laboratory: CEIMIC

Methylene Chloride
E1JA1MS, E1JA3, VHBLK01

The following volatile samples have analyte concentrations reported below the CRQL and less than or equal to five times (5X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

Toluene
E1JA4, E1JA5, E1JA6

The following volatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" or "UJ" and non-detects are not flagged.

Acetone
E1JA1, E1JA1MS, E1JA1MSD, E1JA3, E1JA4, E1JA5, E1JA7, E1JA8, VHBLK01

Methylene Chloride
E1JA0, E1JA1, E1JA1MSD, E1JA4, E1JA5, E1JA6, E1JA7, E1JA8, E1JA9, E1JA9MS,
E1JA9MSD

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

The following diluted semivolatile samples have one or more surrogate percent recoveries outside the criteria window. Hits and non-detects are not flagged when the dilution factor exceeds 5.0.

E1JA1, E1JA4

The following diluted pesticide samples have surrogate percent recoveries which exceed the upper limit of the criteria window. Hits and non-detects are not flagged.

E1JA7DL

The following undiluted pesticide samples have surrogate percent recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

E1JA1

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SDG Number: E1JA0
Laboratory: CEIMIC

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The following volatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Hits in the unspiked samples, E1JA1 and E1JA9 are qualified "J" and non-detects are flagged "UJ".

E1JA1MS, E1JA1MSD, E1JA9MS, E1JA9MSD
1,1-Dichloroethene

The relative percent difference (RPD) between the following semivolatile matrix spike and matrix spike duplicate recoveries is outside criteria.

E1JA9MS, E1JA9MSD
Pentachlorophenol

The following semivolatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria.

E1JA9MS
Pentachlorophenol, Pyrene

E1JA9MSD
Pyrene

The presence of Pyrene in the unspiked sample, E1JA9, is qualified "J" and a non-detect is flagged "UJ". The presence of Pentachlorophenol in the unspiked sample, E1JA9, is qualified "J" and a non-detect is qualified "R".

The relative percent difference (RPD) between the following pesticide matrix spike and matrix spike duplicate recoveries is outside criteria.

E1JA9MS, E1JA9MSD
Heptachlor, Aldrin

The following pesticide matrix spike/matrix spike duplicate samples have percent recovery outside criteria.

E1JA9MSD
Heptachlor, Aldrin

Hits in the unspiked sample, E1JA9, is qualified "J" and non-detects are flagged "UJ".

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SDG Number: E1JA0
Laboratory: CEIMIC**7. FIELD BLANK AND FIELD DUPLICATE**

Sample E1JA8 may be a field replicate of Sample E1JA7. Results are summarized in the following table:

Analytes	E1JA7	E1JA7DL, df = 10.0	E1JA8	E1JA8DL, df = 10.0
	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Methyl Acetate	290 J			
Trichloroethene	7900		68000	
2-Methylnaphthalene	580 J			
Phenanthrene	1300 J		1600 J	
Fluoranthene	1400 J		1900 J	
Benzo (a) anthracene	700 J			
Chrysene	760 J			
No. of SV TICs	13		2	
beta-BHC	11		14	
Hepatchlor	45	70	41	
Aldrin	110	170	96	180
Heptachlor epoxide	91	130	76	120
Endrin	8.4			
4,4'-DDT	8.1			
Methoxychlor	36			
Endrin aldehyde	22		40	79
alpha-Chlordane	6.5		8.7	140
gamma-Chlordane	71	110	92	
Aroclor-1248	2600	4100	2200	4100

Results are not qualified based upon the results of the field blank or field duplicates.

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SDG Number: E1JA0
Laboratory: CEIMIC

8. INTERNAL STANDARDS

No defects found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E1JA0, E1JA9MS, E1JA9MSD

Acetone, cis-1,2-Dichloroethane

E1JA1, E1JA1MS, E1JA1MSD, E1JA9

cis-1,2-Dichloroethane

E1JA3

Methyl Acetate, Xylenes (total)

E1JA4

Carbon Disulfide, cis-1,2-Dichloroethane, Xylenes (total)

E1JA5

Carbon Disulfide, cis-1,2-Dichloroethane

E1JA6

Acetone

E1JA7

Methyl Acetate

VBLKLT

Methylene Chloride, Toluene

VBLKLU

Acetone, Methylene Chloride, Toluene

VBLKPS

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Case Number : 33669 SDG Number: E1JA0
Site Name: CONTINENTAL STEEL (IN) Laboratory: CEIMIC
Acetone, Methylene Chloride, 1,2-Dibromo-3-chloropropane
VBLKPT
Acetone, Methylene Chloride

Adjusted CRQL values of the following volatile samples are less than the contract specified CRQLs. The contract specified CRQL values are used by CADRE during data validation and reported for non-detected compounds.

E1JA9

The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E1JA1

2-Methylnaphthalene, Acenaphthene, Fluorene, Anthracene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene

E1JA3

Phenanthrene, Pyrene, bis(2-Ethylhexyl)phthalate

E1JA3MS

Pentachlorophenol, Phenanthrene, bis(2-Ethylhexyl)phthalate

E1JA3MSD

2-Methylnaphthalene, Pentachlorophenol, Phenanthrene, Chrysene, bis(2-Ethylhexyl)phthalate

E1JA5

Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(a)pyrene, Benzo (g,h,i) perylene

E1JA6

Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene

E1JA7

2-Methylnaphthalene, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene

E1JA8

Phenanthrene, Fluoranthene

E1JA9

Phenanthrene, Anthracene, Fluoranthene, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

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SDG Number: E1JA0
Laboratory: CEIMIC

E1JA9MS

4-Nitrophenol, Pentachlorophenol, Phenanthrene, Fluoranthene, Pyrene, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate

E1JA9MSD

4-Nitrophenol, Pentachlorophenol, Phenanthrene, Fluoranthene, Pyrene, bis(2-Ethylhexyl)phthalate

The following pesticide samples have analytes for which the percent difference between column results exceeds primary criteria. Hits are qualified "J"

E1JA1

beta-BHC, Aldrin, Aroclor-1248

E1JA3, E1JA4

Heptachlor, Heptachlor epoxide, Aroclor-1248

E1JA5

gamma-Chlordane

E1JA6, E1JA7DL

Heptachlor, Aldrin, Heptachlor epoxide, gamma-Chlordane, Aroclor-1248

E1JA6DL

Heptachlor epoxide, gamma-Chlordane

E1JA7

beta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, Endrin, 4,4-DDT, Methoxychlor, Endrin aldehyde, alpha-Chlordane, gamma-Chlordane, Aroclor-1248

E1JA8

beta-BHC, Heptachlor, Aldrin, Endrin aldehyde, alpha-Chlordane, Aroclor-1248

E1JA8DL

Aldrin, Heptachlor epoxide, gamma-Chlordane, Aroclor-1248

E1JA9

beta-BHC, Heptachlor, Aldrin, Heptachlor epoxide, Endrin aldehyde, gamma-Chlordane, Aroclor-1248

E1JA9DL

Aldrin, gamma-Chlordane

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SDG Number: E1JA0
Laboratory: CEIMIC

E1JA9MS, E1JA9MSD

beta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Dieldrin, Endrin, 4,4-DDT, Endrin aldehyde, Aroclor-1248

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

12. ADDITIONAL INFORMATION

Verification of non-detected results and assignment of "U" qualifier when the reported value is less than CRQL.

E1JA0, E1JA1, E1JA1MS, E1JA1MSD, E1JA3, E1JA4, E1JA5, E1JA6, E1JA7, E1JA8, E1JA9, E1JA9MS, E1JA9MSD, VBLKLT, VBLKLU, VBLKPS, VBLKPT, VHBLK01

Verification of non-detected results and assignment of "U" qualifier when the reported value is less than CRQL.

E1JA1, E1JA3, E1JA3MS, E1JA3MSD, E1JA4, E1JA5, E1JA6, E1JA7, E1JA8, E1JA9, E1JA9MS, E1JA9MSD, SBLKJG, SBLKKU, SBLKKV

Verification of non-detected results and assignment of "U" qualifier when the reported value is less than CRQL.

E1JA1, E1JA3, E1JA4, E1JA5, E1JA6, E1JA6DL, E1JA7, E1JA7DL, E1JA8, E1JA8DL, E1JA9, E1JA9DL, E1JA9MS, E1JA9MSD, PBLK01, PBLK02

The following pesticide samples reported one or more analytes with concentrations that exceeded the instrument's calibration range. The results from the diluted samples should be considered the analyte's final concentration.

E1JA7, E1JA8

Aldrin, Heptachlor epoxide, gamma-Chlordane, Aroclor-1248

E1JA9

Aroclor-1248

CADRE Data Qualifier Sheet

Qualifiers Data Qualifier Definitions

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- N The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification.
- NJ The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
- R The data are unusable. (The compound may or may not be present)

TICS

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Routine Sample	Sample No.:	E1JA0
Lab ID:	CEIMIC	Location:	CS3-SD019-0.0/1.0(2)
Case No.:	33669	Matrix/Level:	Soil/Low
SDG No.:	E1JA0	File Name:	E1JA0
CAS No.	Compound Name	RT	Concentration (UG/KG) Q*
107391	1-PENTENE, 2,4,4-TRIMETHYL-	8.45	22 NJ

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Spike Original	Sample No.:	E1JA1
Lab ID:	CEIMIC	Location:	CS3-SD020-0.0/1.0(2)
Case No.:	33669	Matrix/Level:	Soil/Med
SDG No.:	E1JA0	File Name:	E1JA0
CAS No.	Compound Name	RT	Concentration (UG/KG) Q*
	C4-BENZENE ISOMER	16.77	8100 J

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Routine Sample	Sample No.:	E1JA1		
Lab ID:	CEIMIC	Location:	CS3-SD020-0.0/1.0(2)		
Case No.:	33669	Matrix/Level:	Soil/Low		
SDG No.:	E1JA0	File Name:	E1JA0		
CAS No.	Compound Name	RT	Concentration (UG/KG)	Q*	
575371	NAPHTHALENE, 1,7-DIMETHYL-	9.72	13000	NJD	
829265	NAPHTHALENE, 2,3,6-TRIMETHYL-	10.51	11000	NJD	
2131411	NAPHTHALENE, 1,4,5-TRIMETHYL-	10.78	13000	NJD	
529055	AZULENE, 7-ETHYL-1,4-DIMETHYL-	11.35	5100	NJD	
	UNKNOWN	11.61	6500	JD	
	UNKNOWN	12.25	4700	JD	
30995643	METHYLDIBENZOTHIOPHENE	12.36	11000	NJD	
7372885	DIBENZOTHIOPHENE, 4-METHYL-	12.44	5100	NJD	
613127	ANTHRACENE, 2-METHYL-	12.53	6900	NJD	
	UNKNOWN PAH	12.67	11000	JD	
	UNKNOWN	12.76	6200	JD	
3674666	PHENANTHRENE, 2,5-DIMETHYL-	13.07	16000	NJD	
	UNKNOWN PAH	13.11	16000	JD	
	UNKNOWN	13.41	6300	JD	
	UNKNOWN PAH	13.52	11000	JD	
	UNKNOWN PAH	13.95	11000	JD	
	UNKNOWN	14.31	15000	JD	
	UNKNOWN	14.59	48000	JD	
	UNKNOWN	15.51	16000	JD	
17750935	7,8,9,10-TETRAHYDROBENZO[A]PYRENE	16.08	44000	NJD	
	UNKNOWN	16.61	6600	JD	
	UNKNOWN	18.43	35000	JD	

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Routine Sample	Sample No.:	E1JA3		
Lab ID:	CEIMIC	Location:	CS3-SD022-0.0/1.0(2)		
Case No.:	33669	Matrix/Level:	Soil/Med		
SDG No.:	E1JA0	File Name:	E1JA0		
CAS No.	Compound Name	RT	Concentration (UG/KG)	Q*	
	STRAIGHT-CHAIN ALKANE	17.08	860	J	
	C4-BENZENE ISOMER	17.24	1300	J	
	C5-BENZENE ISOMER	17.77	1300	J	

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Spike Original
Lab ID: CEIMIC
Case No.: 33669
SDG No.: E1JA0

Sample No.: E1JA3

Location: CS3-SD022-0.0/1.0(2)
Matrix/Level: Soil/Med
File Name: E1JA0

CAS No.	Compound Name	Concentration		
		RT	(UG/KG)	Q*
	UNKNOWN	5.90	4500	J
	UNKNOWN	8.93	4200	J
613127	ANTHRACENE, 2-METHYL-	9.67	3900	NJ
	UNKNOWN PAH	9.99	6500	J
3674666	PHENANTHRENE, 2,5-DIMETHYL-	10.08	7600	NJ
	UNKNOWN PAH	10.11	3600	J
	UNKNOWN	10.29	3600	J
	UNKNOWN AMIDE	12.12	10000	J
	UNKNOWN	12.23	3700	J

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA4

Location: CS3-SD023-0.0/1.0(2)

Matrix/Level: Soil/Low

File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
	BRANCHED ALKANE	11.80	210	J
	BRANCHED ALKANE	11.95	290	J
	CYCLIC ALKENE	12.62	30	J
	STRAIGHT-CHAIN ALKANE	12.74	150	J
	CYCLIC ALKANE	12.79	170	J
	BRANCHED ALKANE	12.85	160	J
	BRANCHED ALKANE	13.02	410	J
	CYCLIC ALKANE	13.16	720	J
	BRANCHED ALKANE	13.37	300	J
	BRANCHED ALKANE	13.44	200	J
	UNKNOWN	13.48	400	J
	CYCLIC ALKANE	13.68	240	J
	UNKNOWN ALCOHOL	13.84	130	J
	UNKNOWN	13.91	96	J
	STRAIGHT-CHAIN ALKANE	14.00	2200	J
	UNKNOWN ALKENE	14.10	69	J
	STRAIGHT-CHAIN ALKANE	14.22	130	J
4551513	1H-INDENE, OCTAHYDRO-, CIS-	14.26	76	NJ
	BRANCHED ALKANE	14.34	430	J
	BRANCHED ALKANE	14.42	170	J
	CYCLIC ALKANE	14.69	240	J
	BRANCHED ALKANE	14.80	140	J
	BRANCHED ALKANE	14.85	140	J
	BRANCHED ALKANE	14.89	150	J
	BRANCHED ALKANE	14.99	240	J
	UNKNOWN	15.12	28	J
493027	NAPHTHALENE, DECAHYDRO-, TRANS-	15.24	250	NJ
	STRAIGHT-CHAIN ALKANE	15.35	1300	J
	BRANCHED ALKENE	15.57	140	J
	C5-BENZENE ISOMER	15.84	60	J
2958761	NAPHTHALENE, DECAHYDRO-2-METHYL-	15.95	85	NJ
2958761	NAPHTHALENE, DECAHYDRO-2-METHYL-C4-BENZENE ISOMER	16.19	56	NJ
		16.68	32	J

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA4

Location: CS3-SD023-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	Concentration		
		RT	(UG/KG)	Q*
2131411	NAPHTHALENE, 1,4,5-TRIMETHYL-	7.97	4900	NJ
829265	NAPHTHALENE, 2,3,6-TRIMETHYL-	8.06	4800	NJ
2245387	NAPHTHALENE, 1,6,7-TRIMETHYL-	8.10	4800	NJ
3674735	PHENANTHRENE, 2,3,5-TRIMETHYL-	10.47	5500	NJD

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA5

Location: CS3-SD024-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	Concentration		
		RT	(UG/KG)	Q*
	UNKNOWN	4.77	440	JD
	UNKNOWN	4.84	350	JD
	UNKNOWN	10.0	330	JD
3674655	PHENANTHRENE, 2,3-DIMETHYL-	10.10	630	NJD
	UNKNOWN	11.35	170	JD
	UNKNOWN	12.26	460	JD
	UNKNOWN PAH	13.04	550	JD

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

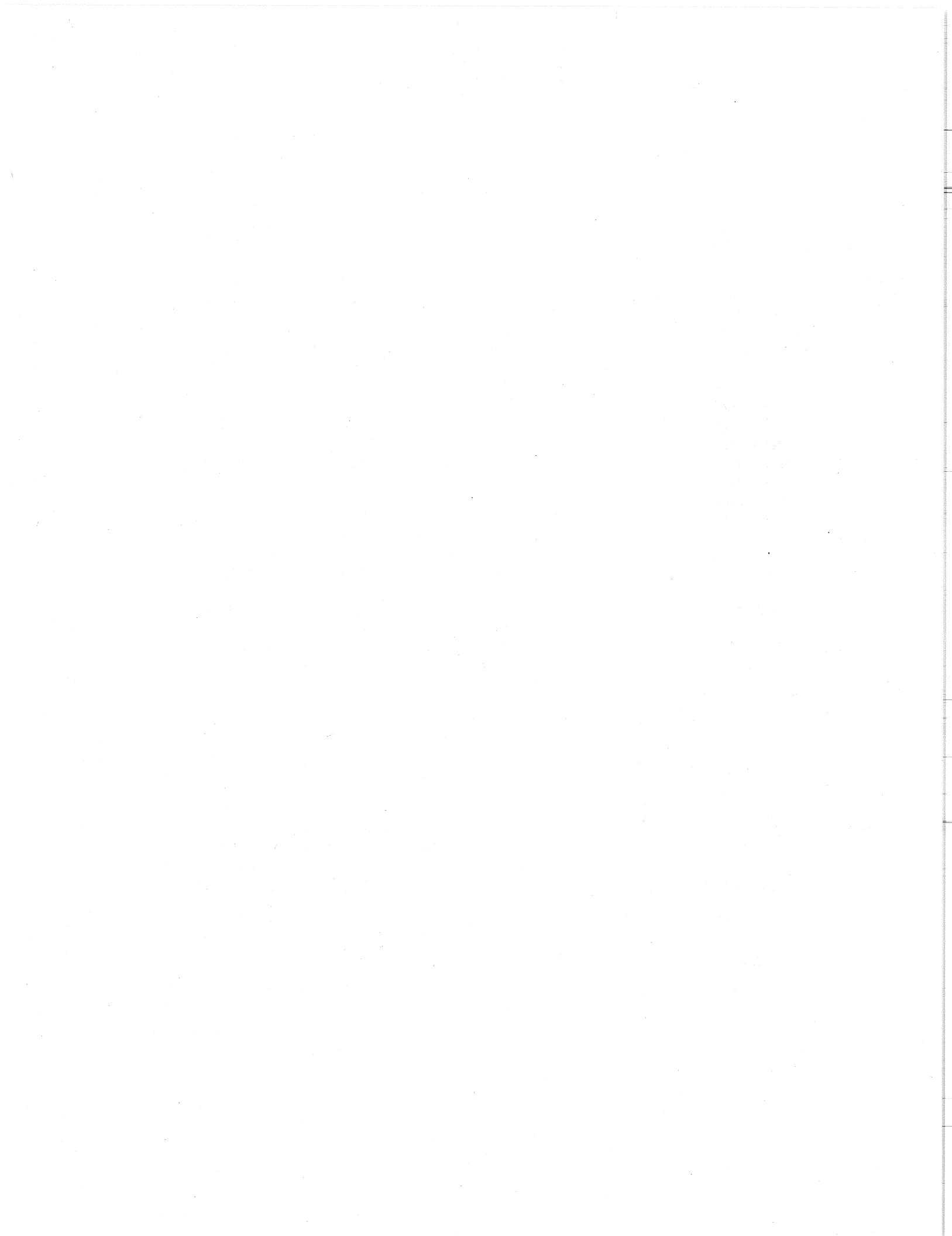
Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA6

Location: CS3-SD025-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	Concentration		
		RT	(UG/KG)	Q*
80568	.ALPHA.-PINENE	13.29	39	NJ
138863	LIMONENE	14.76	16	NJ

*Q: Laboratory Qualifier



Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample No.: E1JA6

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Location: CS3-SD025-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
80568	.ALPHA.-PINENE	5.69	1200	NJ
581408	NAPHTHALENE, 2,3-DIMETHYL-	9.82	1500	NJ
2131422	NAPHTHALENE, 1,4,6-TRIMETHYL-	10.51	700	NJ
	UNKNOWN	11.58	620	J
	UNKNOWN	11.91	1100	J
	UNKNOWN	12.11	740	J
	UNKNOWN	12.24	590	J
	UNKNOWN	12.44	750	J
	UNKNOWN	12.66	1500	J
	UNKNOWN	12.75	850	J
150867	PHYTOL	13.03	6300	NJD
	UNKNOWN	13.09	4100	JD
	UNKNOWN	15.09	1700	J
	UNKNOWN	16.05	8900	JD
	UNKNOWN	16.58	3500	J
	UNKNOWN	18.90	4100	JD
	UNKNOWN	19.78	2200	J
	UNKNOWN	20.72	3400	J
	UNKNOWN	21.57	2700	J

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample No.: E1JA7

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Location: CS3-SD026-0.0/1(2)
 Matrix/Level: Soil/Med
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
	STRAIGHT-CHAIN ALKANE	15.87	1500	J

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA7

Location: CS3-SD026-0.0/1(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
3674666	UNKNOWN	7.73	1500	JB
	UNKNOWN	8.41	1400	J
	UNKNOWN PAH	9.72	1500	J
	UNKNOWN	10.55	1600	J
	UNKNOWN PAH	10.77	1400	J
	UNKNOWN	11.58	1600	J
	UNKNOWN	11.90	1300	J
	UNKNOWN	12.24	1800	J
	UNKNOWN	12.38	1500	J
	UNKNOWN	12.52	2800	J
	PHENANTHRENE, 2,5-DIMETHYL-	13.05	1800	NJ
	UNKNOWN	13.08	5100	JD
	UNKNOWN	19.78	4300	JD

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Routine Sample
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA8

Location: CS3-SD026R-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
	UNKNOWN	11.90	2900	J
	UNKNOWN	18.89	5800	JD

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Spike Original
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA9

Location: CS3-SD027-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
	BRANCHED ALKANE	3.02	5	J

STRAIGHT-CHAIN ALKANE

3.33

6. J

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Spike Original
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: E1JA9

Location: CS3-SD027-0.0/1.0(2)
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
150867	UNKNOWN	7.73	820	JB
	UNKNOWN	12.43	280	JD
	UNKNOWN	12.51	170	JD
	PHYTOL	13.01	350	NJD
	UNKNOWN	15.58	1200	J
	UNKNOWN	16.56	14000	JD
	UNKNOWN	20.94	5000	JD
	UNKNOWN	21.98	10000	JD

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Method Blank
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: SBLKJG

Location:
 Matrix/Level: Soil/Low
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
112345	UNKNOWN	5.48	270	J
	ETHANOL, 2-(2-BUTOXYETHOXY)-	7.74	230	NJ
	UNKNOWN	7.82	180	J

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type: Method Blank
 Lab ID: CEIMIC
 Case No.: 33669
 SDG No.: E1JA0

Sample No.: SBLKKU

Location:
 Matrix/Level: Soil/Med
 File Name: E1JA0

CAS No.	Compound Name	RT	Concentration	
			(UG/KG)	Q*
112345	ETHANOL, 2-(2-BUTOXYETHOXY)-	5.85	9800	NJ

502625 .PSI.,PSI.-CAROTENE, 7,7',8,8',11,11',1

12.24

2300 NJ

*Q: Laboratory Qualifier

Semivolatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Method Blank	Sample No.:	SBLKKV	
Lab ID:	CEIMIC	Location:		
Case No.:	33669	Matrix/Level:	Soil/Low	
SDG No.:	E1JA0	File Name:	E1JA0	
CAS No.	Compound Name	RT	Concentration (UG/KG)	Q*
112345	UNKNOWN	4.27	130	J
	ETHANOL, 2-(2-BUTOXYETHOXY)-	5.85	290	NJ
	UNKNOWN	5.90	81	J

*Q: Laboratory Qualifier

Volatile Sample Analysis
Tentatively Identified Compounds

Sample Type:	Method Blank	Sample No.:	VBLKPS	
Lab ID:	CEIMIC	Location:		
Case No.:	33669	Matrix/Level:	Water/Low	
SDG No.:	E1JA0	File Name:	E1JA0	
CAS No.	Compound Name	RT	Concentration (UG/L)	Q*
	UNKNOWN	17.53	20	J

*Q: Laboratory Qualifier



Case #: 33669
Site :
SDG : E1JA0
CONTINENTAL STEEL

SDG : E1JA0

Number of Soil Samples : 9

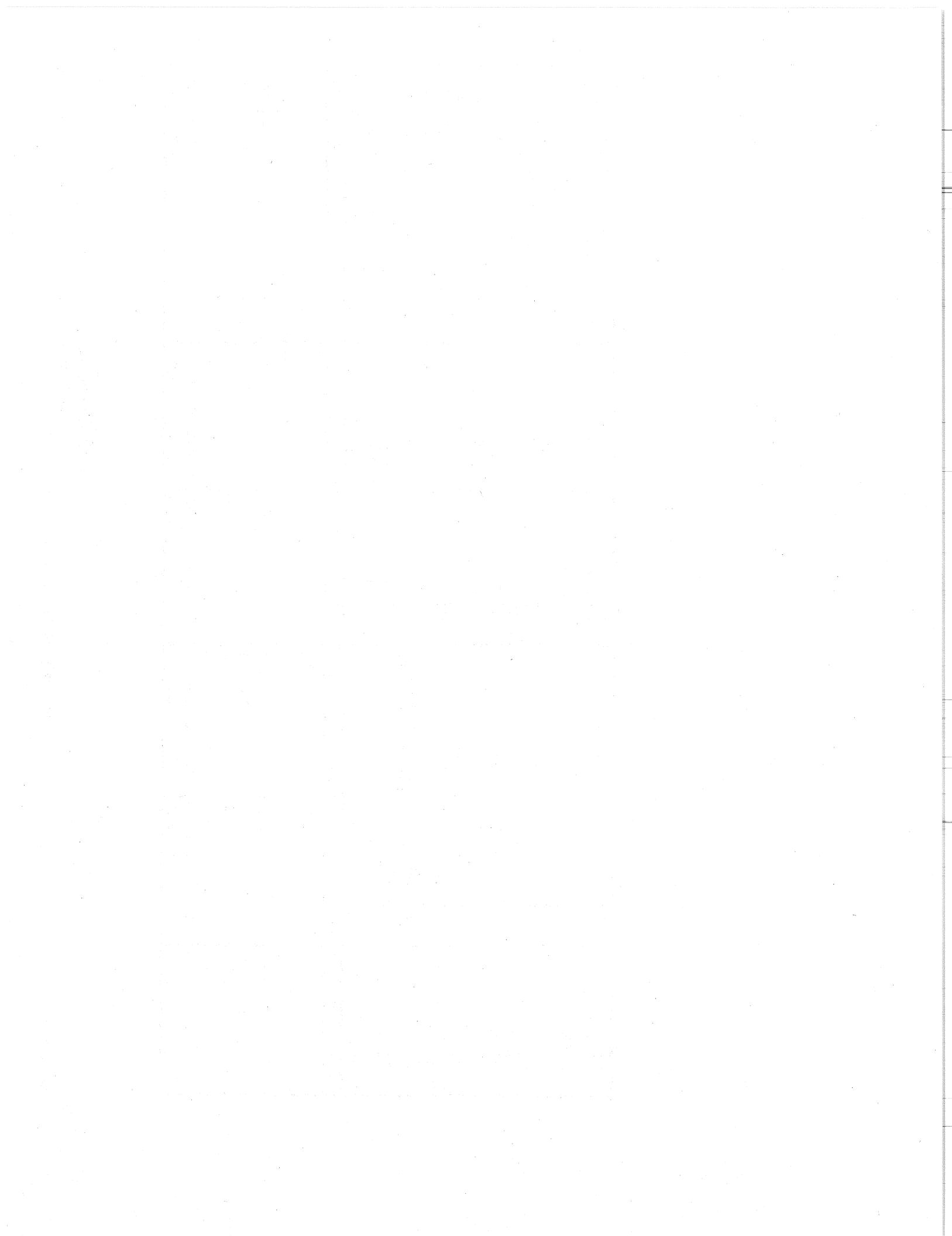
Sample Number :	E1JA0	Sampling Location :	CS3-SD019-0.0/1.0(2)	Matrix :	Soil	Units :	ug/Kg	Date Sampled :	12/14/2004	Time Sampled :	12:05	%Moisture :	50	pH :	5.0	Dilution Factor :	1.0
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
DICHLORODIFLUOROMETHANE	20	UJ	2100	UJ	2100	UJ	2100	UJ	2100	UJ	1700	UJ	1700	UJ	E1JA1	CS3-SD020-0.0/1.0(2)	
CHLOROMETHANE	20	UJ	2100	UJ	2100	UJ	2100	UJ	2100	UJ	1700	UJ	1700	UJ	E1JA1MS	CS3-SD020-0.0/1.0(2)	
VINYL CHLORIDE	20	UJ	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U	E1JA1MSD	CS3-SD020-0.0/1.0(2)	
BROMOMETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U	E1JA3	CS3-SD022-0.0/1.0(2)	
CHLOROETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
TRICHLOROFLUOROMETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,1-DICHLOROETHENE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	20	UJ	2100	UJ	2100	UJ	2100	UJ	2100	UJ	1700	UJ	1700	UJ			
ACETONE	6	UJ	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CARBON DISULFIDE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
METHYL ACETATE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
METHYLENE CHLORIDE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
TRANS-1,2-DICHLOROETHENE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
METHYL TERT-BUTYL ETHER	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,1-DICHLOROETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CIS-1,2-DICHLOROETHENE	12	J	410	J	410	J	410	J	410	J	240	J	240	J			
2-BUTANONE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CHLOROFORM	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,1,1-TRICHLOROETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CYCLOHEXANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CARBON TETRACHLORIDE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
BENZENE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,2-DICHLOROETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
TRICHLOROETHENE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
METHYLCYCLOHEXANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
1,2-DICHLOROPROPANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
BROMODICHLOROMETHANE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
CIS-1,3-DICHLOROPROPENE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			
4-METHYL-2-PENTANONE	20	U	2100	U	2100	U	2100	U	2100	U	1700	U	1700	U			

TOLUENE	20	U
TRANS-1,3-DICHLOROPROPENE	20	U
1,1,2-TRICHLOROETHANE	20	U
TETRACHLOROETHENE	20	U
	2100	U
	11000	U
	12000	U
	2100	U
	1700	U

Analytical Results (Qualified Data)

Case #: 33669
 SDG : E1JA0
 Site : CONTINENTAL STEEL
 Lab. : CEIMIC
 Reviewer :
 Date :

Sample Number :	Sampling Location :	Matrix :	Units :	Date Sampled :	Time Sampled :	%Moisture :	pH:	Dilution Factor:	Volatile Compound	Result	Flag								
E1JA0	CS3-SD019-0.0/1.0(2)	Soil	ug/Kg	12/14/2004	11:48	50	50	1.0	2-HEXANONE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						DIBROMOCHLOROMETHANE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,2-DIBROMOETHANE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						CHLOROBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						ETHYLBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						XYLENES (TOTAL)	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						STYRENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						BROMOFORM	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						ISOPROPYLBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,1,2,2-TETRACHLOROETHANE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,3-DICHLOROBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,4-DICHLOROBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,2-DICHLOROBENZENE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,2,2-DIBROMO-3-CHLOROPROPANE	20	U	2100	U	2100	U	2100	U	1700	U
		Soil	ug/Kg						1,2,4-TRICHLOROBENZENE	20	U	2100	U	2100	U	2100	U	1700	U



SDG : E1JA0
CONTINENTAL STEEL
CEIMIC

Analytical Results (Qualified Data)

Sample Number :	E1JA4	Sampling Location :	CS3-SD023-0.0/1.0(2)	Matrix :	Soil	Units :	ug/Kg	Date Sampled :	12/15/2004	Time Sampled :	10:50	%Moisture :	53	pH :	4.8	Dilution Factor :	1.0
DICHLORODIFLUOROMETHANE	29	UJ	22	UJ	20	UJ	2100	UJ	10000	UJ							
CHLOROMETHANE	29	UJ	22	UJ	20	UJ	2100	UJ	10000	UJ							
VINYL CHLORIDE	29	U	22	U	20	UJ	2100	U	10000	U							
BROMOMETHANE	29	U	22	U	20	U	2100	U	10000	U							
CHLOROETHANE	29	U	22	U	20	U	2100	U	10000	U							
TRICHLOROFLUOROMETHANE	29	U	22	U	20	U	2100	U	10000	U							
1,1-DICHLOROETHENE	29	U	22	U	20	U	2100	U	10000	U							
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	29	UJ	22	UJ	20	UJ	2100	UJ	10000	UJ							
ACETONE	29	J	22	UJ	20	U	2100	UJ	10000	UJ							
CARBON DISULFIDE	3	J	2	J	8	J	2100	U	10000	U							
METHYL ACETATE	29	U	22	U	20	U	2100	U	10000	U							
METHYLENE CHLORIDE	29	U	22	U	20	U	2100	U	10000	U							
TRANS-1,2-DICHLOROETHENE	29	U	22	U	20	U	2100	U	10000	U							
METHYL TERT-BUTYL ETHER	29	U	22	U	20	U	2100	U	10000	U							
1,1-DICHLOROETHANE	29	U	22	U	20	U	2100	U	10000	U							
CIS-1,2-DICHLOROETHENE	4	J	3	J	2100	U	2100	U	10000	U							
2-BUTANONE	29	U	22	U	20	U	2100	U	10000	U							
CHLOROFORM	29	U	22	U	20	U	2100	U	10000	U							
1,1,1-TRICHLOROETHANE	29	U	22	U	20	U	2100	U	10000	U							
CYCLOHEXANE	29	U	22	U	20	U	2100	U	10000	U							
CARBON TETRACHLORIDE	29	U	22	U	20	U	2100	U	10000	U							
BENZENE	29	U	22	U	20	U	2100	U	10000	U							
1,2-DICHLOROETHANE	29	U	22	U	20	U	2100	U	10000	U							
TRICHLOROETHENE	29	U	22	U	20	U	2100	U	10000	U							
METHYLCYCLOHEXANE	29	U	22	U	20	U	2100	U	10000	U							
1,2-DICHLOROPROPANE	29	U	22	U	20	U	2100	U	10000	U							
BROMODICHLOROMETHANE	29	U	22	U	20	U	2100	U	10000	U							
CIS-1,3-DICHLOROPROPENE	29	U	22	U	20	U	2100	U	10000	U							
4-METHYL-2-PENTANONE	29	U	22	U	20	U	2100	U	10000	U							

TOLUENE
TRANS-1,3-DICHLOROPROPENE
1,1,2-TRICHLOROETHANE
TETRACHLOROETHENE

29	U	22	U	20	U	2100	U	10000	U
29	C	22	U	20	U	2100	U	10000	C
29	C	22	U	20	U	2100	U	10000	C
29	C	22	U	20	U	2100	U	10000	C
29	C	22	U	20	U	2100	U	10000	C

29	U	20	U	2100	U	10000	U	10000	U
29	U	20	U	2100	U	10000	U	10000	U
29	U	20	U	2100	U	10000	U	10000	U
29	U	20	U	2100	U	10000	U	10000	U
29	U	20	U	2100	U	10000	U	10000	U

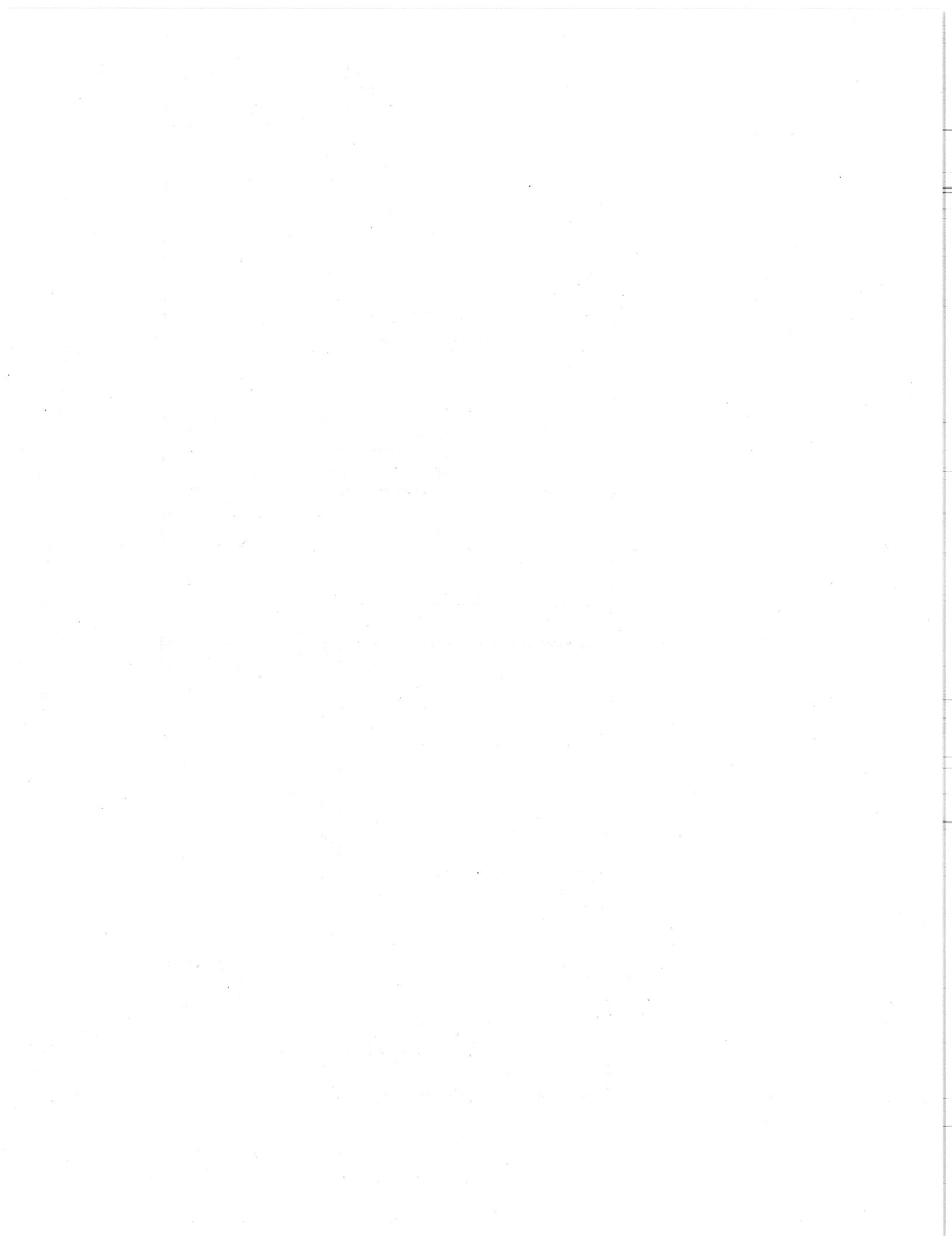
Analytical Results (Qualified Data)

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Case #: 33669
 Site :
 Lab. :
 Reviewer :
 Date :

SDG : E1JA0
 CONTINENTAL STEEL
 CEIMIC

Sample Number:	E1JA4 CS3-SD023-0.0/1.0(2)	E1JA5 CS3-SD024-0.0/1.0(2)	E1JA6 CS3-SD025-0.0/1.0(2)	E1JA7 CS3-SD026-0.0/1(2)	E1JA8 CS3-SD026R-0.0/1.0(2)
Sampling Location :	Soil	Soil	Soil	Soil	Soil
Matrix:	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Units :					
Date Sampled :	12/15/2004	12/15/2004	12/13/2004	12/13/2004	12/13/2004
Time Sampled :	10:50	10:35	16:25	16:55	16:55
%Moisture :					
pH:	53	48	41	51	48
Dilution Factor :	0.0	0.0	0.0	7.0	7.0
2-HEXANONE	29	U	22	20	10000
DIBROMOCHLOROMETHANE	29	U	22	2100	U
1,2-DIBROMOETHANE	29	U	22	10000	U
CHLOROBENZENE	29	U	22	10000	U
ETHYLBENZENE	29	U	22	10000	U
XYLEMES (TOTAL)	3	J	22	2100	U
STYRENE	29	U	22	2100	U
BROMOFORM	29	U	22	10000	U
ISOPROPYLBENZENE	29	U	22	10000	U
1,1,2,2-TETRACHLOROETHANE	29	U	20	10000	U
1,3-DICHLOROBENZENE	29	U	20	10000	U
1,4-DICHLOROBENZENE	29	U	20	10000	U
1,2-DICHLOROBENZENE	29	U	20	10000	U
1,2-DIBROMO-3-CHLOROPROPANE	29	U	20	2100	U
1,2,4-TRICHLOROBENZENE	29	U	20	2100	U



Analytical Results (Qualified Data)

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Case #: 33669
 Site :
 Lab. :
 Reviewer :
 Date :

SDG : E1JA0
 CONTINENTAL STEEL
 CEIMIC

Sample Number:	Sampling Location:	Matrix:	Units:	Date Sampled:	Time Sampled:	%Moisture:	pH:	Dilution Factor:	Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	VBLKLT	Result	Flag	VBLKLU
E1JA9	CS3-SD027-0.01.0(2)	Soil	ug/Kg	12/13/2004	16:10	20	20	1.0	DICHLORODIFLUOROMETHANE	10	UJ	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
		Soil	ug/Kg						CHLOROMETHANE	10	UJ	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
		ug/Kg							VINYL CHLORIDE	10	U	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
									BROMOMETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									CHLOROETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									TRICHLOROFUOROMETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									1,1-DICHLOROETHENE	10	U	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
									1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	10	U	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
									ACETONE	10	U	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
									CARBON DISULFIDE	10	U	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
									METHYL ACETATE	10	U	11	U	10	U	10	U	10	U	10	U
									METHYLENE CHLORIDE	10	U	11	U	10	U	10	U	10	U	10	U
									TRANS-1,2-DICHLOROETHENE	10	U	11	U	10	U	10	U	10	U	10	U
									METHYL TERT-BUTYLE ETHER	10	U	11	U	10	U	10	U	10	U	10	U
									1,1-DICHLOROETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									CIS-1,2-DICHLOROETHENE	10	U	11	U	10	U	10	U	10	U	10	U
									2-BUTANONE	10	U	11	U	10	U	10	U	10	U	10	U
									CHLOROFORM	10	U	11	U	10	U	10	U	10	U	10	U
									1,1,1-TRICHLOROETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									CYCLOHEXANE	10	U	11	U	10	U	10	U	10	U	10	U
									CARBON TETRACHLORIDE	10	U	11	U	10	U	10	U	10	U	10	U
									BENZENE	10	U	11	U	10	U	10	U	10	U	10	U
									1,2-DICHLOROETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									TRICHLOROETHENE	10	U	11	U	10	U	10	U	10	U	10	U
									METHYLCYCLOHEXANE	10	U	11	U	10	U	10	U	10	U	10	U
									1,2-DICHLOROPROPANE	10	U	11	U	10	U	10	U	10	U	10	U
									BROMODICHLOROMETHANE	10	U	11	U	10	U	10	U	10	U	10	U
									CIS-1,3-DICHLOROPROPENE	10	U	11	U	10	U	10	U	10	U	10	U
									4-METHYL-2-PENTANONE	10	U	11	U	10	U	10	U	10	U	10	U

TOLUENE	10	U							
TRANS-1,3-DICHLOROPROPENE	10	U							
1,1,2-TRICHLOROETHANE	10	U							
TETRACHLOROETHENE	10	U							
			2	J			2	J	
					10	U		10	U
					10	U		10	U
					10	U		10	U
					10	U		10	U

Site :
 Lab. :
 Reviewer :
 Date :

Sample Number :	E1JA9	E1JA9MS	E1JA9MSD	VBLKLT	VBLKLU	
Sampling Location :	CS3-SD027-0.0/1.0(2)	CS3-SD027-0.0/1.0(2)	CS3-SD027-0.0/1.0(2)	Soil	Soil	
Matrix :	Soil	Soil	Soil	ug/Kg	ug/Kg	
Units :	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Date Sampled :	12/13/2004	12/13/2004	12/13/2004			
Time Sampled :	16:10	16:10	16:10			
%Moisture :						
pH :	20	20	20			
Dilution Factor:	0.0	0.0	0.0			
Volatile Compound	Result	Flag	Result	Flag	Result	
2-HEXANONE	10	U	11	U	10	U
DIBROMOCHLOROMETHANE	10	U	11	U	10	U
1,2-DIBROMOETHANE	10	U	11	U	10	U
CHLOROBENZENE	10	U				
ETHYLBENZENE	10	U	11	U	10	U
XYLENES (TOTAL)	10	U	11	U	10	U
STYRENE	10	U	11	U	10	U
BROMOFORM	10	U	11	U	10	U
ISOPROPYLBENZENE	10	U	11	U	10	U
1,1,2,2-TETRACHLOROETHANE	10	U	11	U	10	U
1,3-DICHLOROBENZENE	10	U	11	U	10	U
1,4-DICHLOROBENZENE	10	U	11	U	10	U
1,2-DICHLOROBENZENE	10	U	11	U	10	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	11	U	10	U
1,2,4-TRICHLOROBENZENE	10	U	11	U	10	U



Analytical Results (Qualified Data)

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Case #: 33669
 Site : SDG : E11A0
 Lab. : CONTINENTAL STEEL
 Reviewer : CEIMIC
 Date :

Sample Number:	Sampling Location:	VBLKPT	SDG : E11A0
Matrix:		Soil ug/Kg	CONTINENTAL STEEL
Units :			CEIMIC
Date Sampled :			
Time Sampled :			
%Moisture :			
pH :			
Dilution Factor:			
DICHLORODIFLUOROMETHANE	N/A	1.0	
CHLOROMETHANE		Result	Flag
VINYL CHLORIDE	1300	U	
BROMOMETHANE	1300	U	
CHLOROETHANE	1300	U	
TRICHLOROFLUOROMETHANE	1300	U	
1,1-DICHLOROETHENE	1300	U	
ACETONE	440	J	
CARBON DISULFIDE	1300	U	
METHYL ACETATE	1300	U	
METHYLENE CHLORIDE	970	J	
TRANS-1,2-DICHLOROETHENE	1300	U	
METHYL TERT-BUTYL ETHER	1300	U	
1,1-DICHLOROETHANE	1300	U	
CIS-1,2-DICHLOROETHENE	1300	U	
2-BUTANONE	1300	U	
CHLOROFORM	1300	U	
1,1,1-TRICHLOROETHANE	1300	U	
CYCLOHEXANE	1300	U	
CARBON TETRACHLORIDE	1300	U	
BENZENE	1300	U	
1,2-DICHLOROETHANE	1300	U	
TRICHLOROETHENE	1300	U	
METHYLCYCLOHEXANE	1300	U	
1,2-DICHLOROPROPANE	1300	U	
BROMODICHLOROMETHANE	1300	U	
CIS-1,3-DICHLOROPROPENE	1300	U	
4-METHYL-2-PENTANONE	1300	U	



Case #: 33669

Site : CONTINENTAL STEEL

Reviewer : Lab. :

Date

Sample Number :	VBLKPT	Sampling Location :	
Matrix :		Soil ug/Kg	
Units :			
Date Sampled :			
Time Sampled :			
%Moisture :			
pH :			
Dilution Factor :			
Volatile Compound	Result	Flag	Result
2-HEXANONE	1300	U	Result
DIBROMOCHLOROMETHANE	1300	U	Flag
1,2-DIBROMOETHANE	1300	U	Result
CHLOROBENZENE	1300	U	Flag
ETHYLBENZENE	1300	U	Result
XYLENES (TOTAL)	1300	U	Flag
STYRENE	1300	U	Result
BROMOFORM	1300	U	Flag
ISOPROPYLBENZENE	1300	U	Result
1,1,2,2-TETRACHLOROETHANE	1300	U	Flag
1,3-DICHLOROBENZENE	1300	U	Result
1,4-DICHLOROBENZENE	1300	U	Flag
1,2-DICHLOROBENZENE	1300	U	Result
1,2-DIBROMO-3-CHLOROPROPANE	1300	U	Flag
1,2,4-TRICHLOROBENZENE	1300	U	Result



Analytical Results (Qualified Data)

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Case #: 33669
 SDG : E1JA0
 Site : CONTINENTAL STEEL
 Lab. : CEIMIC
 Reviewer :
 Date :

Sample Number :	VBLKPS	VHBLK01
Sampling Location :	Water ug/L	Water ug/L
Matrix :		
Units :		
Date Sampled :		
Time Sampled :		
%Moisture :		
pH:		
Dilution Factor:		
DICHLORODIFLUOROMETHANE	1.0	Result
CHLOROMETHANE	10	UJ
VINYL CHLORIDE	10	U
BROMOMETHANE	10	U
CHLOROETHANE	10	U
TRICHLOROFLUOROMETHANE	10	U
1,1-DICHLOROETHENE	10	U
CARBON DISULFIDE	10	U
METHYL ACETATE	10	U
METHYLENE CHLORIDE	10	U
TRANS-1,2-DICHLOROETHENE	10	U
METHYL TERT-BUTYL ETHER	10	U
1,1-DICHLOROETHANE	10	U
CIS-1,2-DICHLOROETHENE	10	U
2-BUTANONE	10	U
CHLOROFORM	10	U
1,1,1-TRICHLOROETHANE	10	U
CYCLOHEXANE	10	U
CARBON TETRACHLORIDE	10	U
BENZENE	10	U
1,2-DICHLOROETHANE	10	U
TRICHLOROETHENE	10	U
METHYLCYCLOHEXANE	10	U
1,2-DICHLOROPROPANE	10	U
BROMODICHLOROMETHANE	10	U
CIS-1,3-DICHLOROPROPENE	10	U
4-METHYL-2-PENTANONE	10	U

TOLUENE	10	U
TRANS-1,3-DICHLOROPROPENE	10	U
1,1,2-TRICHLOROETHANE	10	U
TETRACHLOROETHENE	10	U

Analytical Results (Qualified Data)

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Case #: 33669
 Site :
 Lab. :
 Reviewer :
 Date :

SDG : E1JA0
 CONTINENTAL STEEL
 CEIMIC

Sample Number:	VBLKPS	Sampling Location :	VHBLK01 <th>Matrix:</th> <td>Water</td> <th>Units :</th> <td>ug/L</td>	Matrix:	Water	Units :	ug/L
Date Sampled :		Time Sampled :		%Moisture :	N/A	pH :	N/A
Dilution Factor:	1.0	Result	Flag	Result	Flag	Result	Flag
2-HEXANONE	10	U		10	U		
DIBROMOCHLOROMETHANE	10	U		10	U		
1,2-DIBROMOETHANE	10	U		10	U		
CHLOROBENZENE	10	U		10	U		
ETHYLBENZENE	10	U		10	U		
XYLENES (TOTAL)	10	U		10	U		
STYRENE	10	U		10	U		
BROMOFORM	10	U		10	U		
ISOPROPYLBENZENE	10	U		10	U		
1,1,2,2-TETRACHLOROETHANE	10	U		10	U		
1,3-DICHLOROBENZENE	10	U		10	U		
1,4-DICHLOROBENZENE	10	U		10	U		
1,2-DICHLOROBENZENE	10	U		10	U		
1,2-DIBROMO-3-CHLOROPROPANE	10	U		10	U		
1,2,4-TRICHLOROBENZENE	10	U		10	U		

